

# RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/552,660B  
Source: IFwo  
Date Processed by STIC: 9/29/06

# **ENTERED**



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/552,660B

DATE: 09/29/2006

TIME: 12:01:40

Input Set : A:\2577-158 seqlist.txt  
 Output Set: N:\CRF4\09292006\J552660B.raw

3 <110> APPLICANT: Hong, Yan  
 5 <120> TITLE OF INVENTION: Detection of Transgenes of Genetically Modified Organisms  
 Using  
 6 Pyro Luminescence  
 8 <130> FILE REFERENCE: 2577-158  
 10 <140> CURRENT APPLICATION NUMBER: 10/552,660B  
 11 <141> CURRENT FILING DATE: 2005-10-11  
 13 <150> PRIOR APPLICATION NUMBER: 60/462,308  
 14 <151> PRIOR FILING DATE: 2003-04-14  
 16 <150> PRIOR APPLICATION NUMBER: PCT/SG04/000093  
 17 <151> PRIOR FILING DATE: 2004-04-14  
 19 <160> NUMBER OF SEQ ID NOS: 29  
 21 <170> SOFTWARE: PatentIn version 3.3  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 25  
 25 <212> TYPE: DNA  
 26 <213> ORGANISM: Artificial sequence  
 28 <220> FEATURE:  
 29 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic corn  
 31 <400> SEQUENCE: 1  
 32 agtatccttc gcaagaccct tcctc 25  
 35 <210> SEQ ID NO: 2  
 36 <211> LENGTH: 25  
 37 <212> TYPE: DNA  
 38 <213> ORGANISM: Artificial sequence  
 40 <220> FEATURE:  
 41 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic corn  
 43 <400> SEQUENCE: 2  
 44 gcattcagag aaacgtggca gtaac 25  
 47 <210> SEQ ID NO: 3  
 48 <211> LENGTH: 25  
 49 <212> TYPE: DNA  
 50 <213> ORGANISM: Artificial sequence  
 52 <220> FEATURE:  
 53 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
 55 <400> SEQUENCE: 3  
 56 attgatgtga tatctccact gacgt 25  
 59 <210> SEQ ID NO: 4  
 60 <211> LENGTH: 25  
 61 <212> TYPE: DNA  
 62 <213> ORGANISM: Artificial sequence  
 64 <220> FEATURE:  
 65 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
 67 <400> SEQUENCE: 4

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/552,660B

DATE: 09/29/2006

TIME: 12:01:40

Input Set : A:\2577-158 seqlist.txt

Output Set: N:\CRF4\09292006\J552660B.raw

68 cctctccaaa tgaaatgaac ttccct 25  
 71 <210> SEQ ID NO: 5  
 72 <211> LENGTH: 21  
 73 <212> TYPE: DNA  
 74 <213> ORGANISM: Artificial sequence  
 76 <220> FEATURE:  
 77 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
 79 <400> SEQUENCE: 5  
 80 ccacgtcttc aaagcaagtg g 21  
 83 <210> SEQ ID NO: 6  
 84 <211> LENGTH: 25  
 85 <212> TYPE: DNA  
 86 <213> ORGANISM: Artificial sequence  
 88 <220> FEATURE:  
 89 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
 91 <400> SEQUENCE: 6  
 92 tcctctccaa atgaaatgaa cttcc 25  
 95 <210> SEQ ID NO: 7  
 96 <211> LENGTH: 25  
 97 <212> TYPE: DNA  
 98 <213> ORGANISM: Artificial sequence  
 100 <220> FEATURE:  
 101 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
 103 <400> SEQUENCE: 7  
 104 attgatgtga tatctccact gacgt 25  
 107 <210> SEQ ID NO: 8  
 108 <211> LENGTH: 20  
 109 <212> TYPE: DNA  
 110 <213> ORGANISM: Artificial sequence  
 112 <220> FEATURE:  
 113 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
 115 <400> SEQUENCE: 8  
 116 ttatcctagt ttgcgcgcta 20  
 119 <210> SEQ ID NO: 9  
 120 <211> LENGTH: 25  
 121 <212> TYPE: DNA  
 122 <213> ORGANISM: Artificial sequence  
 124 <220> FEATURE:  
 125 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
 127 <400> SEQUENCE: 9  
 128 tatctccact gacgtaaaggg atgac 25  
 131 <210> SEQ ID NO: 10  
 132 <211> LENGTH: 25  
 133 <212> TYPE: DNA  
 134 <213> ORGANISM: Artificial sequence  
 136 <220> FEATURE:  
 137 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
 139 <400> SEQUENCE: 10  
 140 tgccctataaa caccaacatg tgctt 25

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/552,660B

DATE: 09/29/2006

TIME: 12:01:40

Input Set : A:\2577-158 seqlist.txt

Output Set: N:\CRF4\09292006\J552660B.raw

143 <210> SEQ ID NO: 11  
144 <211> LENGTH: 25  
145 <212> TYPE: DNA  
146 <213> ORGANISM: Artificial sequence  
148 <220> FEATURE:  
149 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
151 <400> SEQUENCE: 11  
152 cggatggtcc ttatgcaatt ttgtc 25  
155 <210> SEQ ID NO: 12  
156 <211> LENGTH: 22  
157 <212> TYPE: DNA  
158 <213> ORGANISM: Artificial sequence  
160 <220> FEATURE:  
161 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
163 <400> SEQUENCE: 12  
164 ctctcggtgt agattttgtt ca 22  
167 <210> SEQ ID NO: 13  
168 <211> LENGTH: 25  
169 <212> TYPE: DNA  
170 <213> ORGANISM: Artificial sequence  
172 <220> FEATURE:  
173 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
175 <400> SEQUENCE: 13  
176 agattttca ctccatgtca gccta 25  
179 <210> SEQ ID NO: 14  
180 <211> LENGTH: 22  
181 <212> TYPE: DNA  
182 <213> ORGANISM: Artificial sequence  
184 <220> FEATURE:  
185 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
187 <400> SEQUENCE: 14  
188 tggacaacaa cccaaacatc aa 22  
191 <210> SEQ ID NO: 15  
192 <211> LENGTH: 26  
193 <212> TYPE: DNA  
194 <213> ORGANISM: Artificial sequence  
196 <220> FEATURE:  
197 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
199 <400> SEQUENCE: 15  
200 tggatttgg ttttaggaat tagaaa 26  
203 <210> SEQ ID NO: 16  
204 <211> LENGTH: 22  
205 <212> TYPE: DNA  
206 <213> ORGANISM: Artificial sequence  
208 <220> FEATURE:  
209 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
211 <400> SEQUENCE: 16  
212 ggacaacaaac cacaacatca ac 22  
215 <210> SEQ ID NO: 17

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/552,660B

DATE: 09/29/2006

TIME: 12:01:40

Input Set : A:\2577-158 seqlist.txt

Output Set: N:\CRF4\09292006\J552660B.raw

216 <211> LENGTH: 19  
217 <212> TYPE: DNA  
218 <213> ORGANISM: Artificial sequence  
220 <220> FEATURE:  
221 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
223 <400> SEQUENCE: 17  
224 cgatgggggt gtaaccggt 19  
227 <210> SEQ ID NO: 18  
228 <211> LENGTH: 19  
229 <212> TYPE: DNA  
230 <213> ORGANISM: Artificial sequence  
232 <220> FEATURE:  
233 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
235 <400> SEQUENCE: 18  
236 gcacgaactc gctaaggcag 19  
239 <210> SEQ ID NO: 19  
240 <211> LENGTH: 18  
241 <212> TYPE: DNA  
242 <213> ORGANISM: Artificial sequence  
244 <220> FEATURE:  
245 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
247 <400> SEQUENCE: 19  
248 cggccccc gag ttcacatt 18  
251 <210> SEQ ID NO: 20  
252 <211> LENGTH: 23  
253 <212> TYPE: DNA  
254 <213> ORGANISM: Artificial sequence  
256 <220> FEATURE:  
257 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
259 <400> SEQUENCE: 20  
260 ctgctgggaa tgatgttg tt cmg 23  
263 <210> SEQ ID NO: 21  
264 <211> LENGTH: 25  
265 <212> TYPE: DNA  
266 <213> ORGANISM: Artificial sequence  
268 <220> FEATURE:  
269 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
271 <400> SEQUENCE: 21  
272 cactacaaat gccatcattg cgata 25  
275 <210> SEQ ID NO: 22  
276 <211> LENGTH: 25  
277 <212> TYPE: DNA  
278 <213> ORGANISM: Artificial sequence  
280 <220> FEATURE:  
281 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
283 <400> SEQUENCE: 22  
284 agatcatcaa tccactcttg tggtg 25  
287 <210> SEQ ID NO: 23  
288 <211> LENGTH: 18

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/552,660B

DATE: 09/29/2006

TIME: 12:01:40

Input Set : A:\2577-158 seqlist.txt

Output Set: N:\CRF4\09292006\J552660B.raw

289 <212> TYPE: DNA  
290 <213> ORGANISM: Artificial sequence  
292 <220> FEATURE:  
293 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
295 <400> SEQUENCE: 23  
296 gatagcgctc ccgcagac 18  
299 <210> SEQ ID NO: 24  
300 <211> LENGTH: 19  
301 <212> TYPE: DNA  
302 <213> ORGANISM: Artificial sequence  
304 <220> FEATURE:  
305 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
307 <400> SEQUENCE: 24  
308 gcactgaatt tgtgaaccc 19  
311 <210> SEQ ID NO: 25  
312 <211> LENGTH: 21  
313 <212> TYPE: DNA  
314 <213> ORGANISM: Artificial sequence  
316 <220> FEATURE:  
317 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
319 <400> SEQUENCE: 25  
320 ctatattttt ttttttatcg c 21  
323 <210> SEQ ID NO: 26  
324 <211> LENGTH: 23  
325 <212> TYPE: DNA  
326 <213> ORGANISM: Artificial sequence  
328 <220> FEATURE:  
329 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
331 <400> SEQUENCE: 26  
332 catcgtaaac cactacatcg aga 23  
335 <210> SEQ ID NO: 27  
336 <211> LENGTH: 18  
337 <212> TYPE: DNA  
338 <213> ORGANISM: Artificial sequence  
340 <220> FEATURE:  
341 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
343 <400> SEQUENCE: 27  
344 gatagcgctc ccgcagac 18  
347 <210> SEQ ID NO: 28  
348 <211> LENGTH: 20  
349 <212> TYPE: DNA  
350 <213> ORGANISM: Artificial sequence  
352 <220> FEATURE:  
353 <223> OTHER INFORMATION: oligonucleotide primer with homology to transgenic plants  
355 <400> SEQUENCE: 28  
356 actgggctcc acgctctaca 20  
359 <210> SEQ ID NO: 29  
360 <211> LENGTH: 21  
361 <212> TYPE: DNA

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/552,660B

DATE: 09/29/2006

TIME: 12:01:41

Input Set : A:\2577-158 seqlist.txt

Output Set: N:\CRF4\09292006\J552660B.raw